INSTRUCTION MANUAL

Fluoroscopy Table

MADE IN USA with US & imported parts

CFPM100

CFPM400

CFPMFXH

OAKWORKS®
Medical Equipment

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Manual Part # MMMNST0008, rev. 04.06.09
1st Edition, October 2007
2nd Edition, March 2008
3rd Edition, February 2009
Printed in U.S.A.

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LIFETIME LIMITED WARRANTY

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All warranties are limited to factory-provided replacement parts, factory repair or replacement, at the discretion of OAKWORKS®. OAKWORKS® only covers parts and labor on field repair of stationary products.

All warranties exclude damage caused by improper set-up, accident, abuse, misuse, neglect, use for other than intended purpose or reasonable wear such as tears in the upholstery.

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SYMBOL IDENTIFICATION

The OAKWORKS® Fluoroscopy Table is a radiographic table intended for use with mobile or compact stationary C-arm Fluoroscopy Systems. It is ideally suited for pain management imaging and therapeutic procedures.

This symbol, when used in this manual and on product labels, represents a caution warning. Be sure to read and comply with all precautions and warnings.

This symbol, when used in this manual and on product labels, warns against an electrical shock hazard. Be sure to observe and comply with all warnings.

This symbol, when used in this manual and on product labels, indicates the potential of exposure to harmful x-rays. Be sure to read and comply with all warnings.

This symbol, when used in this manual and on product labels, indicates that the table and components are a Type B Applied Part pursuant to IEC 601.1 and EN 60601-1: 1990.

This symbol, when used in this manual or on product labels, indicates a Protective Earth (Ground) Terminal.

This symbol when used in this manual or on product labels, warns that during transport there should be no stacking of containers.

This symbol, when used in this manual or on product labels, indicates that the product should be protected from moisture. The humidity specifications for Transport & Storage are listed on page 23.

This symbol, when used in this manual or on product labels, indicates that information is given regarding the recommended temperature limits during transport and storing.

This symbol, when used in this manual or on product labels, indicates the date of manufacture of the device.

This symbol, when used in this manual or on product labels, indicates alternating current (AC).

This symbol, when used in this manual or on product labels, indicates direct current (DC).

WARNINGS / PRECAUTIONS

INDICATIONS

The OAKWORKS Fluoroscopy CFPM tables are indicated for use with mobile or compact C-arm Fluoroscopy Imaging Systems where the x-ray generator is located below the tabletop. These tables are suitable to use for diagnostic x-ray imaging and imaging during therapeutic procedures such as spinal injections, vertebroplasty procedures and other pain management procedures. These tables may be used for surgical and non-surgical procedures.

CONTRAINDICATIONS

The OAKWORKS Fluoroscopy Table should not be used with Fluoroscopy systems having intensifier screens or film cassettes larger than 12 inches (30 cm) when an oblique angle of view is being used.

The table is not designed for and should not be used with Magnetic Resonance Imaging procedures.

WARNINGS

Improper use of this device can cause injury. Be sure to read all operating instructions prior to use.

Weight limit (patient and accessories):
Carbon Fiber Top: 227 kg / 500 lbs. distributed evenly
Do not sit beyond warning line on carbon fiber top.
Lock casters when mounting and dismounting.

The table utilizes four locking casters to permit movement of the table within the imaging suite. Accidental movement of the table may occur. Lock casters prior to accomplishing imaging of the patient.

There may be pinch points under the table top. Do not have any body part under the top when the table is in motion.

Be certain that the table is completely lowered prior to discharging an ambulatory patient. The patient may lose balance and fall. (CFPM100 & 400 only)

The CFPMFXH is a fixed height table. It is recommended that all patients are assisted onto the table (physical assistance & step stools with side rails is recommended.)

Patient Safety Strap must be secured prior to using the Trendelenburg/Reverse Trendelenburg function. (CFPM400 only)

WARNINGS: (CONTINUED)

WARNINGS: (cont.)

Electrical Shock Hazard. (CFPM100 & 400 only) The power supply/control module is located inside lifting column and under the top. No user serviceable parts are inside. Refer servicing to qualified personnel. Unplug wall connector prior to contact with any cables connected to the power supply.

Medical Electrical Equipment needs special precautions regarding EMC and needs to be installed and put into service according to the EMC information provided in the Accompanying Documents. (CFPM100 & 400 only)

Portable and Mobile RF Communications Equipment can affect Medical Electrical Equipment. (CFPM100 & 400 only)

The CFPM100 & 400 (only) should not be used adjacent to or stacked with other equipment due to the risk of electronic interference. If adjacent or stacked use is necessary, the table should be observed to verify normal operation in the configuration in which it will be used.

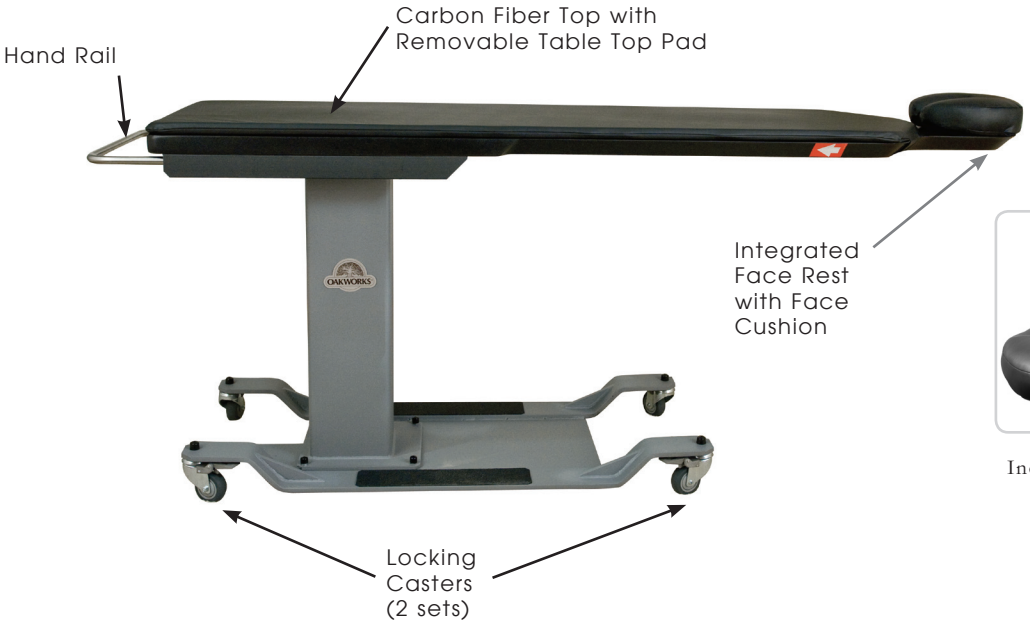
The potential of exposure to harmful x-rays exists when this table is in use. The use of adequate x-ray barrier devices is necessary to provide protection to both the operator and the patient. X-ray barrier devices are recommended for the patient outside of the intended target area to prevent exposure to scattered radiation from the x-ray generating source.

The tabletop has a typical aluminum filtration equivalence of .62 mm as measured at 100 kVp and a half-value layer (HVL) of 2.7 mm. (1.10 mm as measured at 100 kVp and a half value (HVL) of 3.6 mm)

- The OAKWORKS Fluoroscopy Table may be used for x-ray imaging where the x-ray generator is located below the tabletop and the image receptor is located above the tabletop. This is the recommended method. This table may also be used for x-ray imaging where the x-ray generator is located above the tabletop and the image receptor is located below the tabletoop. This application will result in greater patient exposure to x-rays. The operator must weigh this issue with the imaging requirements and patient exposure issues.
- The Fluoroscopy Table may be used with the x-ray generator above the tabletop and a film cassette located on the tabletop.
- The x-ray generator should never be located above the tabletop when the OAKWORKS Fluoroscopy Table and the OAKWORKS Spinal Imaging Platform/Prone Pillow are used together. This type of use requires that the x-ray generator is located below the tabletop and the imaging intensifier or film cassette located above the tabletop.

Disconnect the power supply plug prior to cleaning any surfaces below or inside of the base of the table.

PRODUCT DESCRIPTION - CFPMFXH



Includes 3-pad Set:
1) 2"H x 12"SQ Pad
2) 4"H x 12"SQ Pad
3) Crescent Face Pad

Table Specs* :

- Height: 37" (91 cm) (optional heights are available)
- Width: 22" (56 cm)
- Length: 84" (214 cm)
- Patient Capacity: 500 lbs.(227 kg.) distributed evenly
- Table Weight: 350 lbs. (159 kg.) shipping 400 lbs.(182 kg.)
- Included Accessories: Table Top Pad with 1" Medical Grade Foam & TerraTouch™ Fabric

  1- 2"H x 12" SQ Head Rest Pad
  1 - 4"H x 12" SQ Head Rest Pad
  1 - Crescent Face Pad
- Optional Accessories: Carbon fiber arm board, Spinal Imaging Platform, Fluoro-Extender, 2" Table top pad

CAUTION

The CFPMFXH is a fixed height table. It is recommended that all patients are assisted onto the table (physical assistance & step stools with side rails is recommended.)

PRODUCT DESCRIPTION - CFPM100

Includes 3-pad Set:
1) 2"H x 12"SQ Pad
2) 4"H x 12"SQ Pad
3) Crescent Face Pad

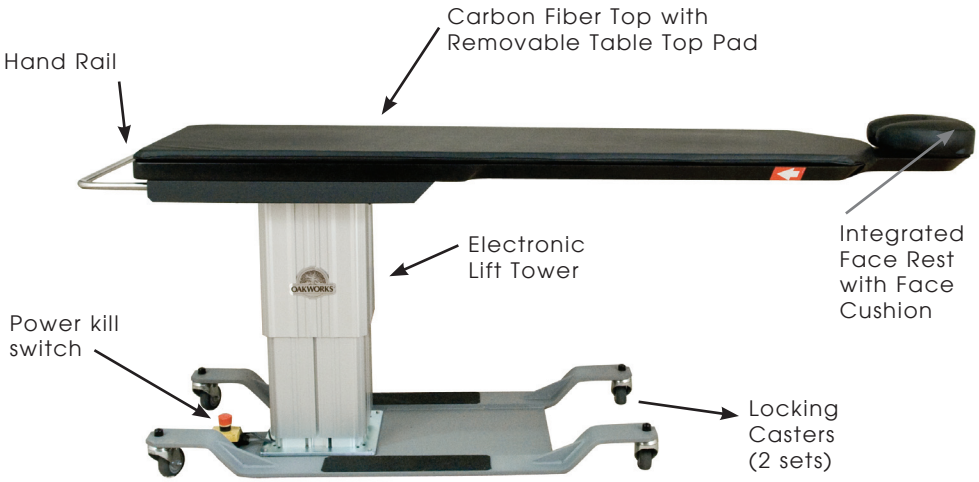


Table Specs* :

- Height Range: 22" - 40" (56 cm - 102 cm)
- Width: 22" (56 cm)
- Length: 84" (214 cm)
- Patient Capacity: 500 lbs.(227 kg.) distributed evenly
- Table Weight: 350 lbs. (159 kg.)
  shipping 400 lbs.(182 kg.)
- Controls: 1 foot control
- Included: Table Top Pad with 1" Medical Grade Foam & TerraTouch™ Fabric

  1- 2"H x 12" SQ Head Rest Pad
  1 - 4"H x 12" SQ Head Rest Pad
  1 - Crescent Face Pad
- Optional: Carbon fiber arm board, Spinal Imaging Platform, Fluoro-Extender, 2" Table top pad
- Table Options: International Electric Configurations

ELECTRICAL SPECIFICATIONS - CFPM100

Designed For:	North America	Europe
Input Service	120 VAC/15 amps/60Hz	220 VAC/10 amps/50Hz
Current Draw	5.8 amps	3.0 amps
Maximum Momentary Current Consumption	9.0 amps	4.5 amps
Voltage to Actuators	120 VDC	220 VDC
Electric Shock Protection	Class I Equipment	Class I Equipment
Tabletop Applied Part	Type B Applied Part	Type B Applied Part
Mode of Operation	Continuous Operation @ 10% Duty Cycle	Continuous Operation @ 10% Duty Cycle

PRODUCT DESCRIPTION - CFPM400

Includes 3-pad Set:
1) 2"H x 12"SQ Pad
2) 4"H x 12"SQ Pad
3) Crescent Face Pad

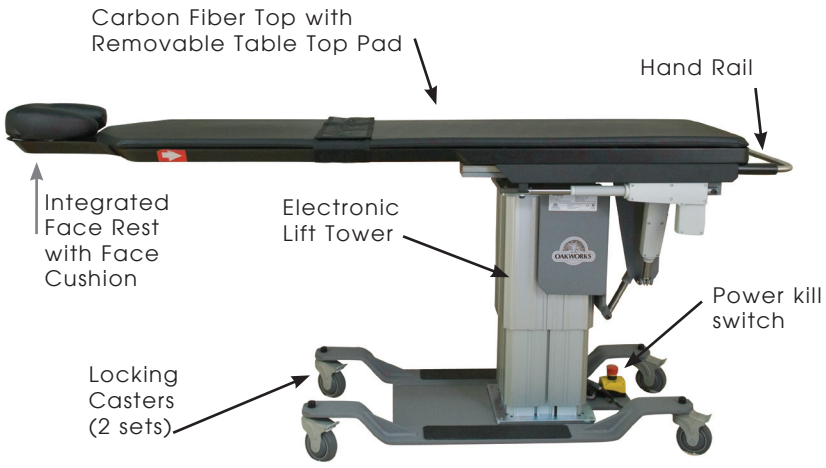

Carbon Fiber Top with Removable Table Top Pad
Hand Rail
Integrated Face Rest with Face Cushion
Electronic Lift Tower
Power kill switch
Locking Casters (2 sets)

Table Specs* :

- Height Range: 26" - 44" (66 cm - 112 cm)
- Width: 22" (56 cm)
- Length: 84" (214 cm)
- Patient Capacity: 500 lbs.(227 kg.) distributed evenly
- Table Weight: 475 lbs. (216 kg.) shipping 525 lbs.(238 kg.)
- Controls: 1 foot control, 1 hand control
- Included: Patient Positioning Strap

  Table Top Pad with 1" Medical Grade Foam & TerraTouch™ Fabric

  1- 2"H x 12" SQ Head Rest Pad
  1 - 4"H x 12" SQ Head Rest Pad
  1 - Crescent Face Pad
- Optional: Carbon fiber arm board, Spinal Imaging Platform, Fluoro-Extender, 2" Table top pad
- Table Options: International Electric Configurations

ELECTRICAL SPECIFICATIONS - CFPM400

Designed For:	North America	Europe
Input Service	120 VAC/15 amps/60Hz	220 VAC/10 amps/50Hz
Current Draw	8.2 amps	4.5 amps
Maximum Momentary Current Consumption	12.3 amps	6.7 amps
Voltage to Actuators	24V Top, 120V Column	24V Top, 220V Column
Electric Shock Protection	Class I Equipment	Class I Equipment
Tabletop Applied Part	Type B Applied Part	Type B Applied Part
Mode of Operation	Continuous Operation @ 10% Duty Cycle	Continuous Operation @ 10% Duty Cycle

DIRECTIONS FOR USE

ADJUSTING TILT & LONGITUDINAL TRAVEL (CFPM400 ONLY)

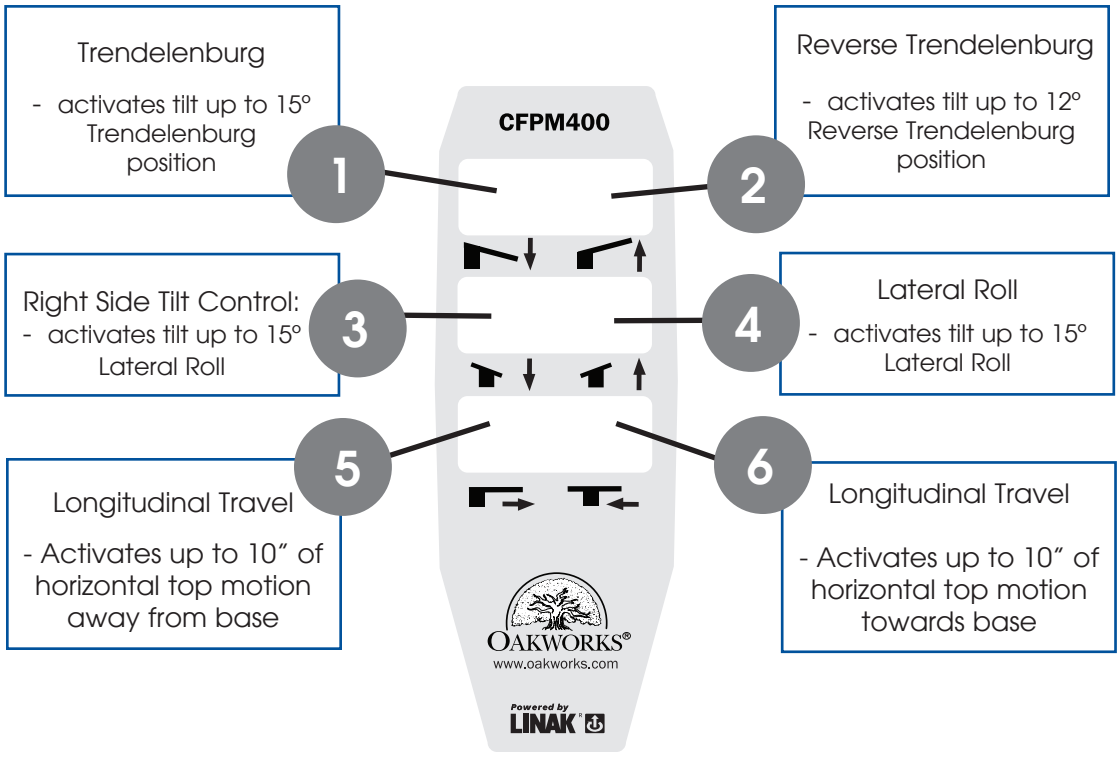
The CFPM400 also comes with a hand control for controling Trendlenburg, Lateral roll and Longitudinal travel.

Bubble levels are installed on the handle end of the table to aid the operator to determine the horizontal plane.

Bubble Levels

CAUTION

There may be pinch points under the table top. Do not have any body part under the top when the table is in motion.



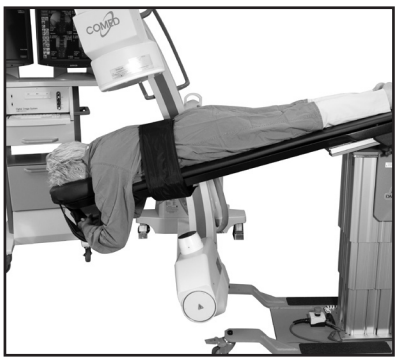
PATIENT POSITIONING STRAP

CAUTION

Patient Safety Strap must be secured prior to using the Trendelenburg function.

The Patient Positioning strap must be used during all Trendelenburg/Reverse Trendelenburg operations to prevent the patient from falling off the table. The strap has Velcro® attached to the ends. Strap is attached as follows:

1. Place the center of the strap around the patient's waist. Relocate the strap as neccessary for adequate clearance.
2. Take the ends of the strap down around the table top. Pull the strap snug underneath the table and press the two Velcro® ends together.
3. Check the strap to assure adequate patient restraint prior to the Trendelenburg motion.



DIRECTIONS FOR USE

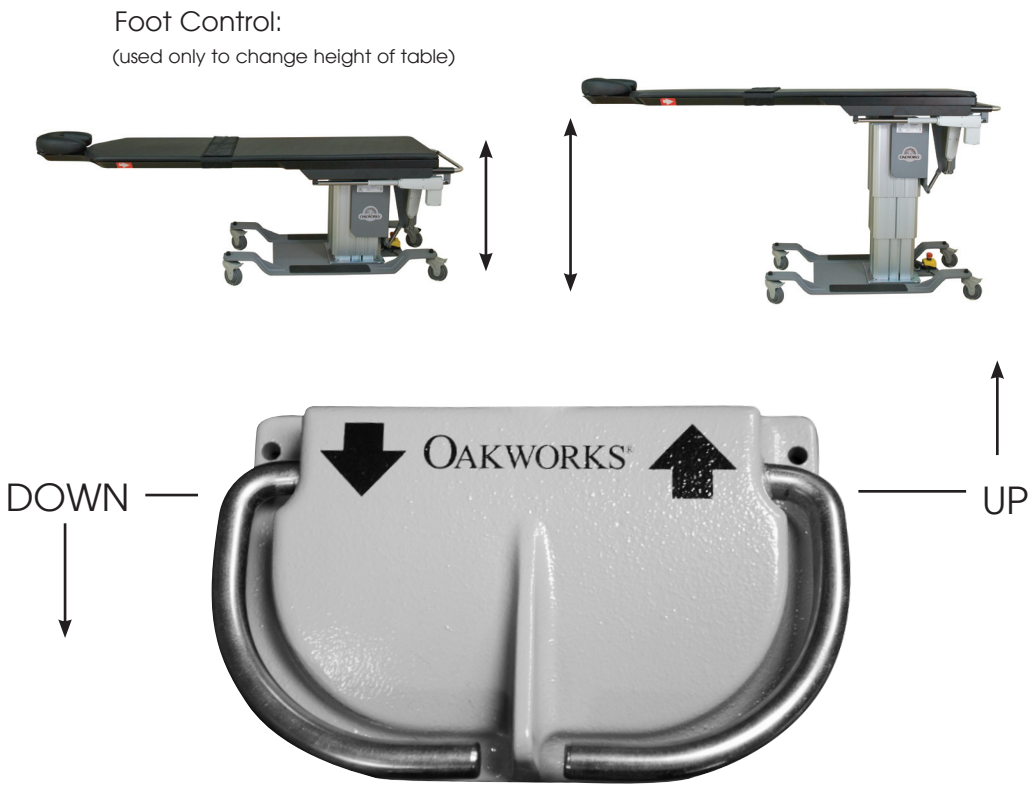
The OAKWORKS® Fluoroscopy Table offers a variety of positioning capabilities for diagnostic x-ray imaging and imaging during therapeutic procedures. Although it was designed principally for use during pain management x-ray diagnostic and therapeutic procedures, it may also be used for other diagnostic procedures involving x-ray imaging provided the instructions in this manual are observed.

Should the use of this device create a circumstance under which the patient could be over-exposed to the x-ray being used, discontinue use immediately and determine an alternative radiology table or alternative x-ray generating source to use.

ADJUSTING HEIGHT OF THE TABLE (CFPM100 & 400):

The CFPM100 & CFPM400 come complete with one foot control.

Operate the controls as shown below to raise or lower the height of the table.



When operating the table's controls, be sure to observe all cautions and warnings.

DIRECTIONS FOR USE

ADJUSTING THE TABLE TOP PAD

Underside of Tabletop

Remove Table Pad by pulling flaps at the underside of the table on either end until the hook and loop fastener becomes unanchored.

Replace pad by first centering on the table and then pressing flaps in place, anchoring with the hook and loop fasteners.

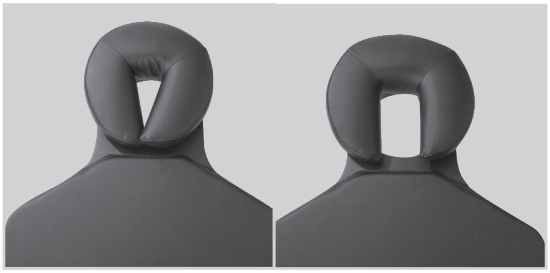
ADJUSTING THE CRANIAL POSITIONING PADS

Prone Positioning:Use the Crescent Face Pad and adjust accordingly

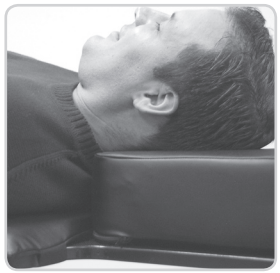
Pads are held in place by hook & loop fasteners.

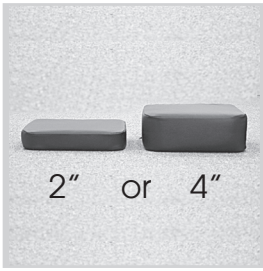
The Crescent Face Pad can be adjusted as needed.

Place close in to the edge of the table with sides together for smaller patients or further away from the edge with sides apart for larger patients.

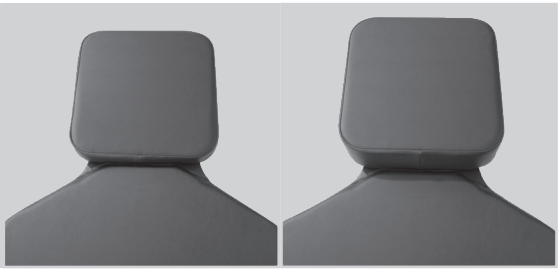


Supine Positioning: Use either the 2" or 4" square pad for proper placement.





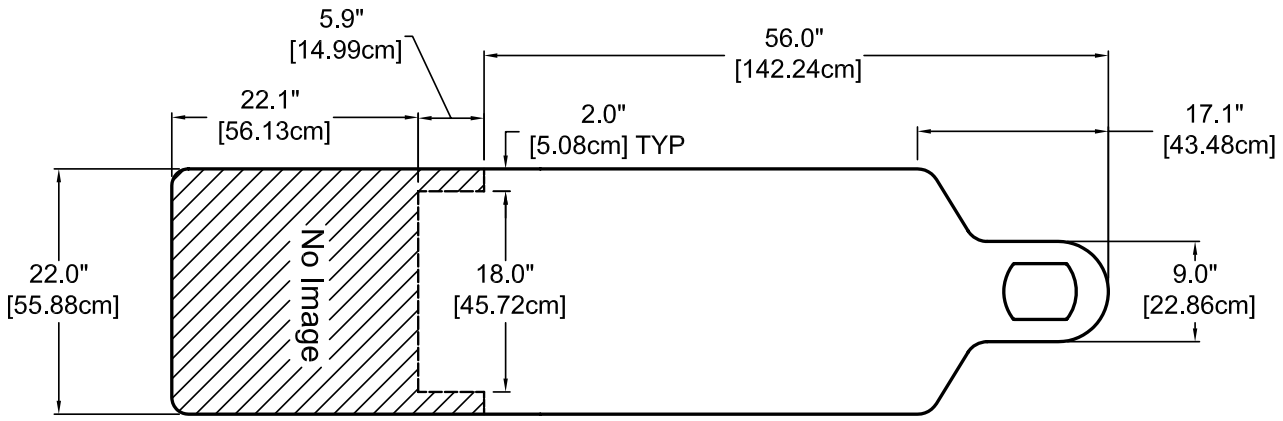
Pads are provided that give two levels of elevation: 2" or 4"



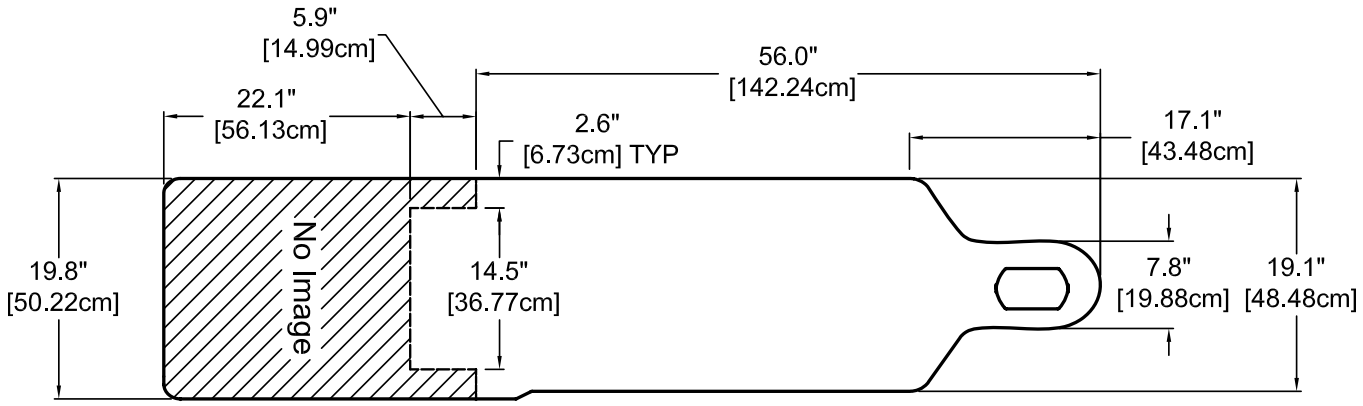
Pads attach to the integrated face rest extension with hook & loop fasteners that hold the pad securely in place.

DIRECTIONS FOR USE - USABLE IMAGING AREA - CFPMFXH & CFPM100

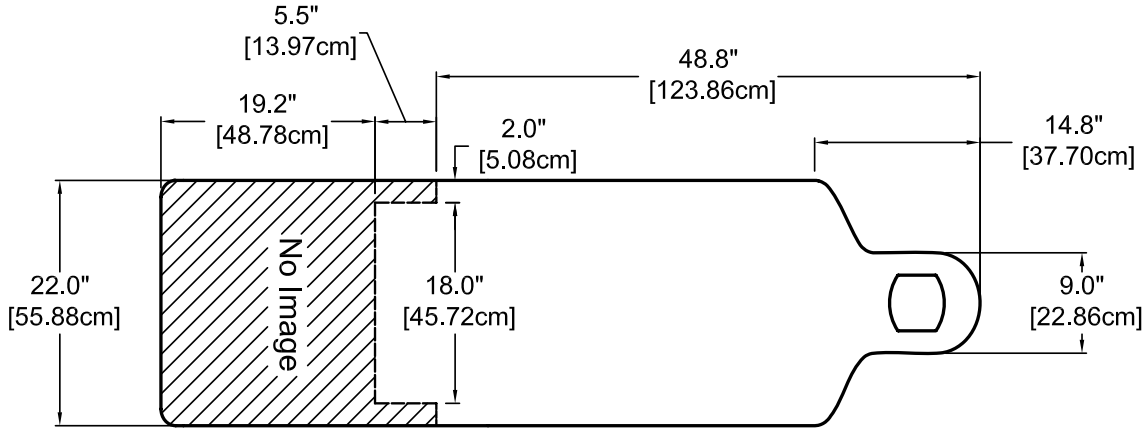
CENTERED FOP A-P VIEW:



OBLIQUE 30° VIEW FROM VERTICAL:

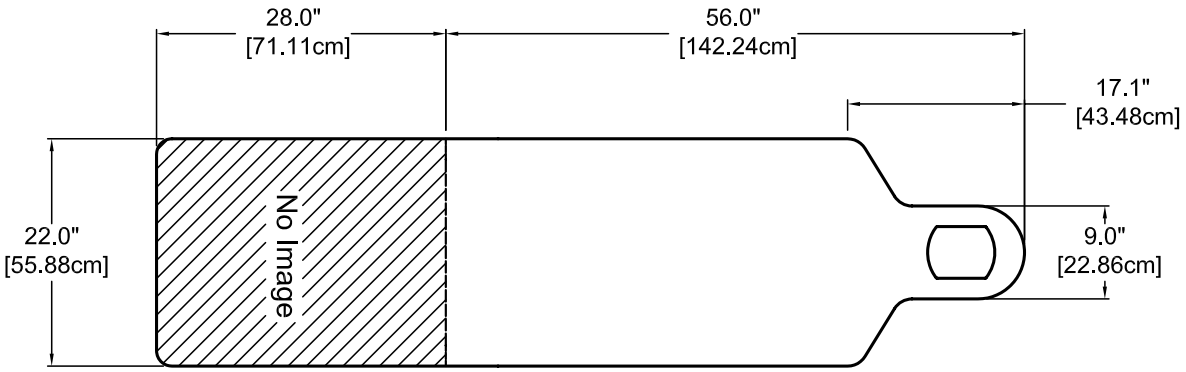


CAUDAL 30° VIEW FROM VERTICAL:

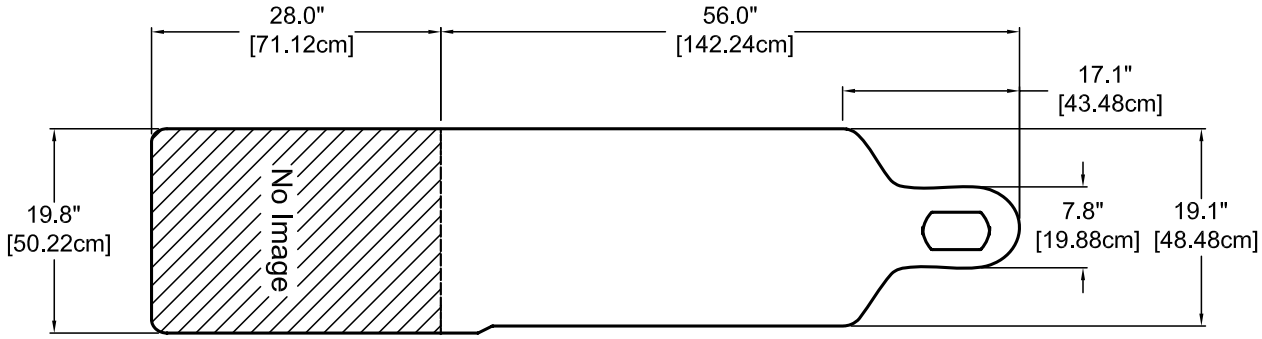


DIRECTIONS FOR USE - USABLE IMAGING AREA - CFPM400

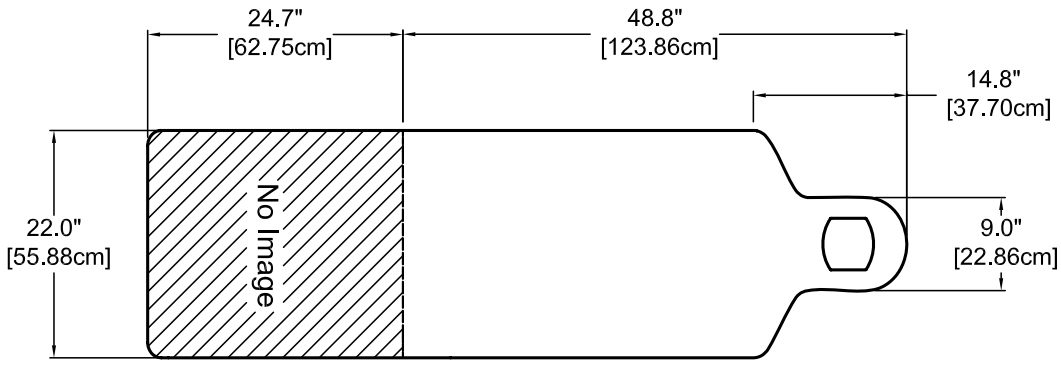
CENTERED FOP A-P VIEW:



OBLIQUE 30° VIEW FROM VERTICAL:



CAUDAL 30° VIEW FROM VERTICAL:



DIRECTIONS FOR USE

MOVING FLUOROSCOPY TABLE

Be sure to lower table completely before attempting to move it.

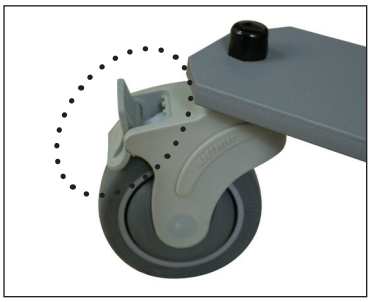
NOTE

Casters are designed for normal Hospital/ Clinic environments. Not intended for outdoor travel/use

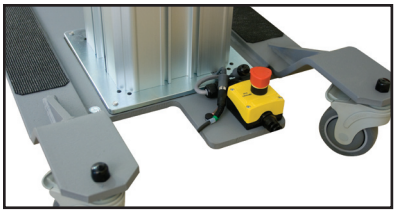
Unlocked Caster - Table may be moved

Push down until locking lever clicks into place.

Unlocked caster.



Locked Caster - Table locked down.



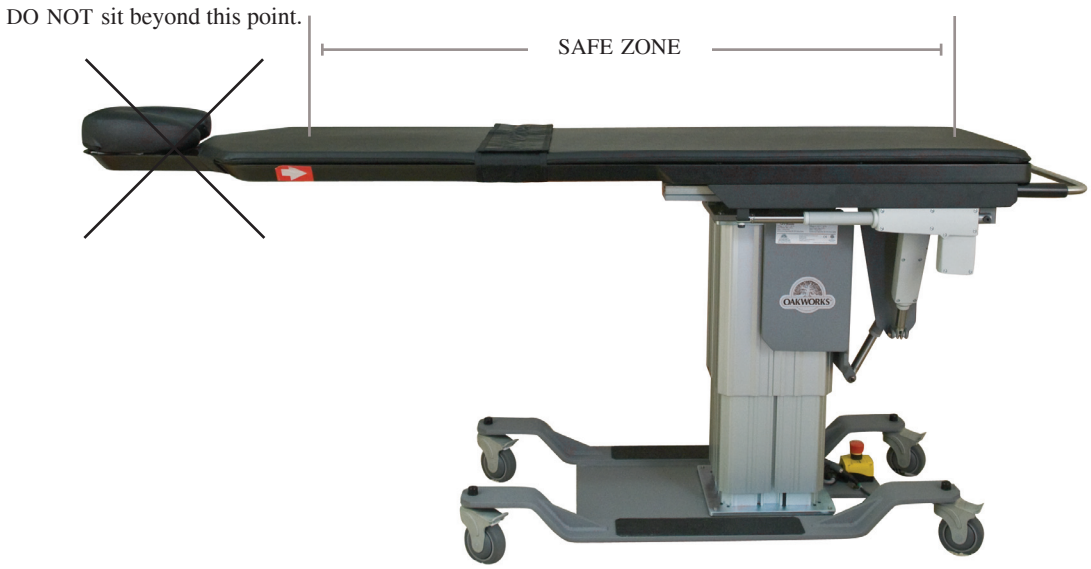
EMERGENCY STOP

The CFPM100 & CFPM400 are equipped with an emergency stop switch. To stop the operation, push the red button. To reset, rotate the red button clockwise.

DIRECTIONS FOR USE

WEIGHT CAPACITY & PATIENT USE

The OAKWORKS® table top is rated at 500 lb. load evenly distributed. To minimize any risk to the patient, do not allow the patient to sit on the face rest area beyond the warning line on the table top.



Casters should be locked when patient is mounting or dismounting the table.

Table should be flat when mounting and dismounting.

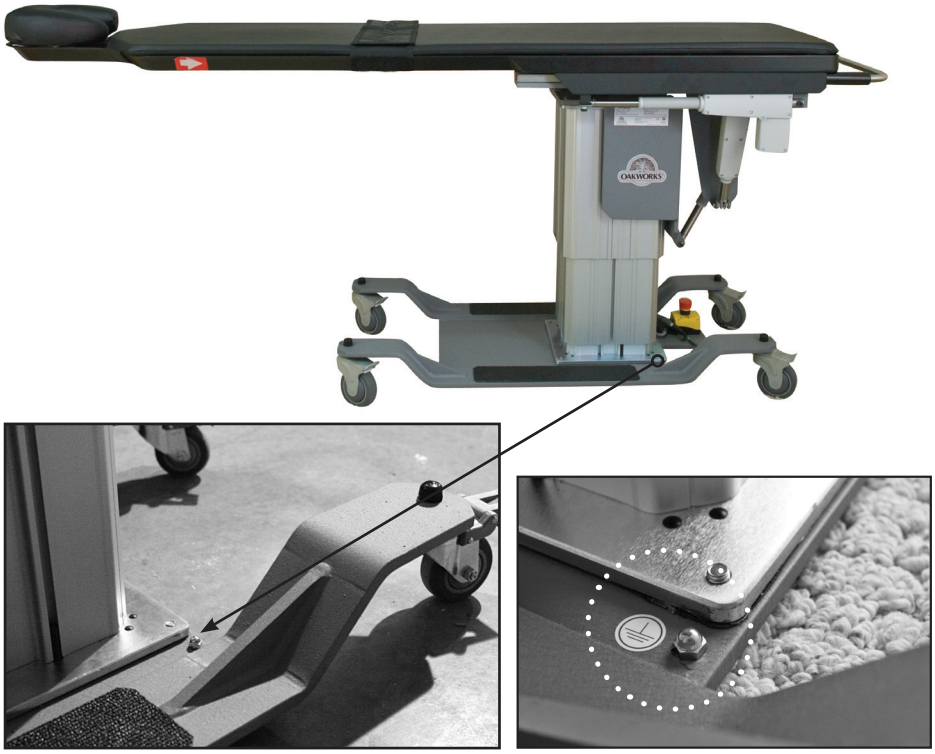
Patient should mount and dismount near the lifting column.

Table top should be moved fully to the rear after each use.

TROUBLESHOOTING

GROUND POINT TESTING (CFPM100 & 400 ONLY)

Connect the tester to the ground post.



IF THE TABLE TOP WILL NOT CHANGE HEIGHT OR TILT - CFPM100 & CFPM400 MODELS

CAUTION

The Carbon Fiber table weighs as much as 475 lbs (216 kg). Turning the table on its side is not required and not recommended.

- Check the outlet to be sure that it has power and that the power cable is plugged in.
- Check that the red emergency stop button is in the raised position.
- If the table fails to operate, contact our customer service department.

TROUBLESHOOTING

FOOT CONTROL REPLACEMENT INSTRUCTIONS - CFPM100 & CFPM400

Replacement of the foot control will be necessary if the foot control does not activate the function of elevation.

To Replace the foot control, follow these steps:

1. Before proceeding, disconnect the power cord from the power outlet.
2. Disconnect strain relief on the foot control cable.
3. Disconnect foot control plug at the base of the lift column.
4. Obtain the new foot control and insert the cable plug into the shielded cable plug until firmly seated. Reconnect strain relief.
5. Plug the power cord back into the power outlet.
6. Attempt to operate the table elevation functions from the Foot Control.
7. If the table elevation functions fail to operate, contact the Customer Service Department.

HAND CONTROL REPLACEMENT INSTRUCTIONS - CFPM400

Replacement of the hand control will be necessary if the hand control does not activate the trendelenburg or lateral roll function.

To replace the hand control, follow these steps:

1. Before proceeding, disconnect the power cord from the power outlet.
2. Follow cord back to the control box.
3. Disconnect hand control plug at the control box.
4. Obtain the new hand control and insert the cable plug into the control box until firmly seated.
5. Plug the power cord back into the power outlet.
6. Attempt to operate the table tilt functions from the hand control.
7. If the table tilt functions fail to operate, contact the Customer Service Department.

PRODUCT CARE & MAINTENANCE

CLEANING

TABLE

IMPORTANT

Use only a mild detergent solution or 10% sodium hypochlorite solution on surfaces. Be sure excess liquid does not drip onto any other surfaces or mechanisms. Disinfectants other than recommended above will harm the table's surface. Wipe off exces with a lint-free cloth. Remove residual with a damp (not wet) cloth.

TABLE PAD

IMPORTANT

Clean with a mild detergent solution. Use of gluteraldehydes for disinfecting is not recommended. 10% sodium hypochlorite solution, phenol-based surface disinfectants and quartenary ammonium compounds may be used. Wipe off excess liquid and remove any residual solution with a damp (not wet) lint-free cloth. Be sure underside of table pad is completely dry prior to placing back onto tabletop.

The operator should ascertain the disinfecting properties of the agent being used prior to cleaning.

CAUTION

Before cleaning with any liquid cleaner be sure to unplug the power cord from the power outlet.

INSPECTION

Be sure to read all cautions, warnings and instructions given in the manual to prevent injury to both operator and client.

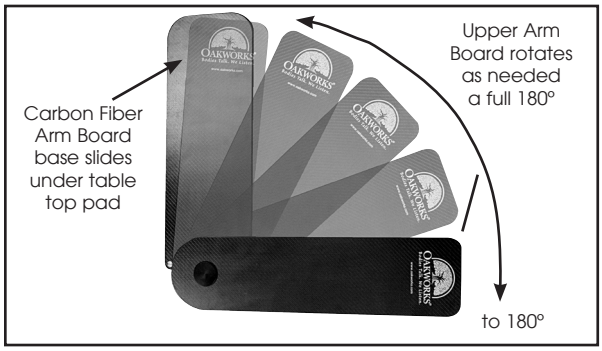
Periodically inspect wires on the table. There should be no cuts, gouges or nicks in the wire insulation.

OPTIONAL ACCESSORIES

CARBON FIBER ARM BOARD

CAUTION

When making adjustments in positioning be sure to observe all cautions and warnings given in the manual to prevent injury to both opetator and patient.



Prone Position at 135°

Supine Position at 180°

The OAKWORKS® Carbon Fiber Single Arm Board conveniently slides under the table top pad and easily supports the patient's arm in a positionary range of 180°. The unit can easily fold for compact storage when not in use.

IMPORTANT

DO NOT place undue weight or downward pressure on the Carbon Fiber Arm Board. It is a positioning device for the arms and should not be used as leverage to get on or off the table. Injury can occur.

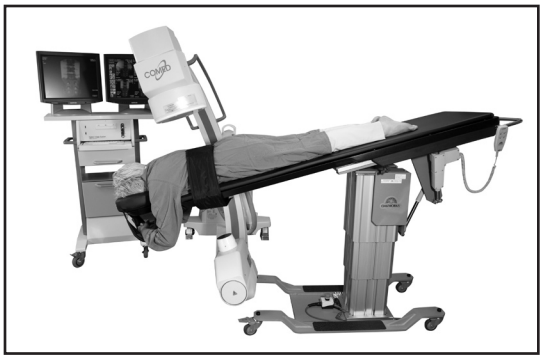
To use the Carbon Fiber Single Arm Board:

Unfold the Arm Board just enough to enable it to slide under the table top pad on the Fluoroscopy Table at a 90° angle to the side of the table. Ask the patient to lay down on the table and position them to suit the needs of the procedure. The weight of the patient will hold the Arm Board base in place under the table top pad. Move the upper Arm Board to the angle you need. It will stay at that position until you change it.

When finished, Ask the patient to raise up enough for you to move the Arm Board base from under the table top pad. Fold it up and store it away until the next time you need to use it.

PATIENT POSITIONING STRAP

When using the tilt & Trendelenburg feature of the CFPM400, use of the Patient Positioning Strap is recommended.



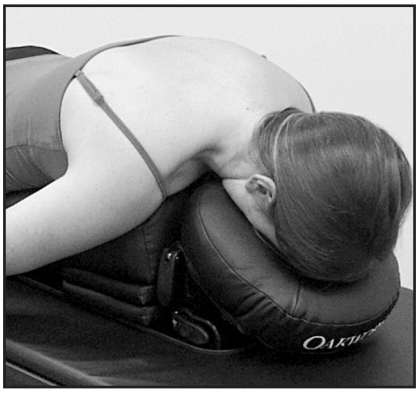
OPTIONAL ACCESSORIES

CAUTION

Children must be supervised by a responsible adult when around this equipment.

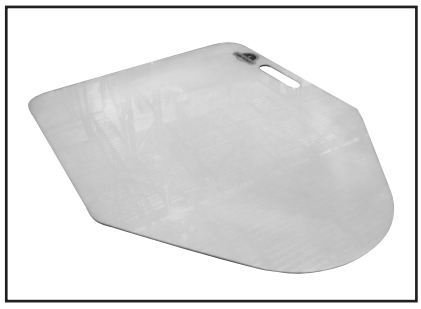
SPINAL IMAGING PLATFORM

The OAKWORKS® Spinal Imaging Platform can support patients in a prone or supine position during pre-operative sedation or post-operative recovery. It is also very useful for anesthesia applications. This product is portable and can be used on any treatment, examination or surgical table.



FLUORO EXTENDER

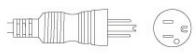
The OAKWORKS® Fluoro Extender is radiolucent and offers extra width only where you need it for greater positioning accuracy with optimum imaging. The Fluoro Extender is inserted under the table top pad.



PRODUCT IDENTIFICATION

	Model No.:	Description
North America	**FLDBFD223784CF**	**CFPMFXH;** Carbon Fiber Top
	FLDB222284CF	**CFPM100;** Carbon Fiber Top; 3 prong grounded hospital grade power cord plug / North America
	FLDBTLET222684CF	**CFPM400;** Carbon Fiber Top; 3 prong grounded hospital grade power cord plug / North America
Europe	**FLDBFD223784CF**	**CFPMFXH;** Carbon Fiber Top
	FLDBEU222284CF	**CFPM100;** Carbon Fiber Top; Continental Plug / Europe
	FLDBTLETEU222684CF	**CFPM400;** Carbon Fiber Top; Continental Plug / Europe
Switzerland	**FLDBFD223784CF**	**CFPMFXH;** Carbon Fiber Top
	FLDBSW222284CF	**CFPM100;** Carbon Fiber Top; Swiss plug; Switzerland
	FLDBTLETSW222684CF	**CFPM400;** Carbon Fiber Top; Swiss plug; Switzerland
United Kingdom	**FLDBFD223784CF**	**CFPMFXH;** Carbon Fiber Top
	FLDBUK222284CF	**CFPM100;** Carbon Fiber Top; British plug; United Kingdom
	FLDBTLETUK222684CF	**CFPM400;** Carbon Fiber Top; British plug; United Kingdom

Power Cord Variables

Plug View:	Voltage (AC)	Power Cord Plug
	120v 60 Hz	3 prong grounded hospital grade; North America
	220v 50 Hz	Continental Plug; Europe
	220v 50 Hz	Swiss plug; Switzerland
	220v 50 Hz	British plug; United Kingdom

LIST OF PARTS

Part No.	Description
55848	Locking Caster (4)
9723-110	Lift Tower (110 v.)
9723-220	Lift Tower (220 v.)
53330	Foot Control with Cord & Plug
56035	Hand Control with Cord & Plug (For CFPM400)
4796-06	Integrated Face Rest Pad / 2"H x 12"SQ (1)
4795-06	Integrated Face Rest Pad / 4"H x 12"SQ (1)
2410-06	Crescent Face Pad
9468-06	1 Inch Tabletop Pad

Optional Accessories:

3395-01	Carbon Fiber Arm Board (1)
SPCFXXX	Spinal Imaging Platform (1)
4796-06	2"/5cm x 12"/31cm Square Support Pad (1)
3PXXXXXXXXTT	OAKWORKS® Prone Pillow
2005	Fluoro-Extender
8806	Patient Positioning Strap
6427-06	2 inch table top pad

SPECIFICATIONS

Storage & Transport	Temperature: 32 - 100° F 0 - 38°C Humidity: 60% relative humidity Pressure: no limitations known During transport, DO NOT stack containers. 0

Materials of Construction	This product contains no latex.
Tabletop	Carbon Fiber; 1.64" x 22" x 84" (41.7 mm x 559 mm x 2134 mm)
Patient Comfort	(1") 25 mm upholstered foam pad

This product complies with United States Department of Health and Human Services radiation performance standards, 21 CFR Subchapter J, in effect at the time of manufacture for radiographic tables. (06/08)

Aluminum Filtration Equivalent of Tabletop (AL mm)	100 kVp, HVL of 2.7 mm = .61 (1.00 max) 100 kVp, HVL of 3.6 mm = 1.10 (1.35 max)

ETL/cETL Listed	Complies with UL 60601-1; CSA C22.2 # 601.1, IEC 60601-1 Ed2; IEC 60601-2-32 Ed1; IEC 60601-1-2 Ed2.1 (CFPM100 & 400 only electromagnetic compatibility) (03/08)

Guidance and Manufacturer's Declaration – Emissions
All Equipment and Systems

Guidance and Manufacturer's Declaration - Emissions (CFPM100 & 400 only)
The table is intended for use in the electromagnetic environment specified below. The customer or user of the table should ensure that it is used in such an environment.

Emissions Test	Compliance	**Electromagnetic Environment – Guidance**
RF Emissions CISPR 11	Class B, Group 1	The CFPM400 uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
Harmonics IEC 61000-3-2	Class A	The CFPM400 is suitable for use in all establishments, including domestic, and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.
Flicker IEC 61000-3-3	Complies	

Recommended Separation Distances between portable and mobile RF Communications equipment and the CFPM400
Equipment and Systems that are <u>NOT</u> Life-supporting

Recommended Separations Distances for the CFPM100 & CFPM400
The table is intended for use in the electromagnetic environment in which radiated disturbances are controlled. The customer or user of the table can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF Communications Equipment and the table as recommended below, according to the maximum output power of the communications equipment.

Max Output Power (Watts)	**Separation (m) 150kHz to 80MHz** **D=(3.5/V1)(Sqrt P)**	**Separation (m) 80 to 800MHz** **D=(3.5/E1)(Sqrt P)**	**Separation (m) 800MHz to 2.5GHz** **D=(7/E1)(Sqrt P)**
0.01	**.1166**	**.1166**	**.2333**
0.1	**.3689**	**.3689**	**.7378**
1	**1.1666**	**1.1666**	**2.3333**
10	**3.6893**	**3.6893**	**7.3786**
100	**11.6666**	**11.6666**	**23.3333**

Guidance and Manufacturer's Declaration – Immunity
All Equipment and Systems

Guidance and Manufacturer's Declaration – Immunity (CFPM100 & 400 only)
The table is intended for use in the electromagnetic environment specified below. The customer or user of the table should ensure that it is used in such an environment.

Immunity Test	**EN/IEC 60601 Test Level**	**Compliance Level**	**Electromagnetic Environment – Guidance**
ESD EN/IEC 61000-4-2	±6kV Contact ±8kV Air	±6kV Contact ±8kV Air	Floors should be wood, concrete or ceramic tile. If floors are synthetic, the r/h should be at least 30%
EFT EN/IEC 61000-4-4	±2kV Mains ±1kV I/Os	±2kV Mains ±1kV I/Os	Mains power quality should be that of a typical commercial or hospital environment.
Surge EN/IEC 61000-4-5	±1kV Differential ±2kV Common	±1kV Differential ±2kV Common	Mains power quality should be that of a typical commercial or hospital environment.
Voltage Dips/Dropout EN/IEC 61000-4-11	>95% Dip for 0.5 Cycle 60% Dip for 5 Cycles 30% Dip for 25 Cycles >95% Dip for 5 Seconds	>95% Dip for 0.5 Cycle 60% Dip for 5 Cycles 30% Dip for 25 Cycles >95% Dip for 5 Seconds	Mains power quality should be that of a typical commercial or hospital environment. If the user of the table requires continued operation during power mains interruptions, it is recommended that the table be powered from an uninterruptible power supply or battery.
Power Frequency 50/60Hz Magnetic Field EN/IEC 61000-4-8	3A/m	3A/m	Power frequency magnetic fields should be that of a typical commercial or hospital environment.

Guidance and Manufacturer's Declaration – Emissions
Equipment and Systems that are NOT Life-supporting

Guidance and Manufacturer's Declaration – Emissions (CFPM100 & 400 only)
The table is intended for use in the electromagnetic environment specified below. The customer or user of the table should ensure that it is used in such an environment.

Immunity Test	EN/IEC 60601 Test Level	Compliance Level	Electromagnetic Environment – Guidance
			Portable and mobile communications equipment should be separated from the table by no less than the distances calculated/listed below:
Conducted RF EN/IEC 61000-4-6	3 Vrms 150 kHz to 80 MHz	(3)Vrms	D=(3.5/V1)(Sqrt P)
Radiated RF EN/IEC 61000-4-3	3 V/m 80 MHz to 2.5 GHz	(3)V/m	D=(3.5/E1)(Sqrt P) 80 to 800 MHz D=(7/E1)(Sqrt P) 800 MHz to 2.5 GHz where P is the max power in watts and D is the recommended separation distance in meters. Field strengths from fixed transmitters, as determined by an electromagnetic site survey, should be less than the compliance levels (V1 and E1). Interference may occur in the vicinity of equipment containing a transmitter.

Fluoroscopy Table

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MADE IN USA with US & imported parts

Manual Part # MMMNST0008, rev. 04.06.09
3nd Edition, February 2009
2nd Edition, March 2008
1st Edition, October 2007

Printed in U.S.A.

OAKWORKS®
Medical Equipment